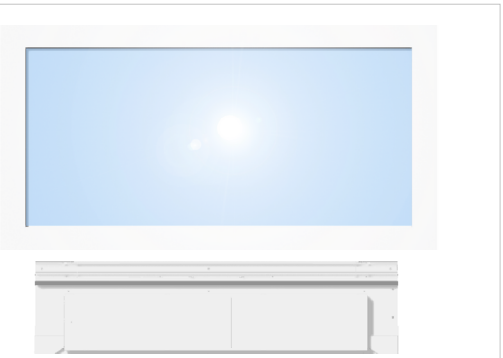
VIRTUAL SUN ®

OVERVIEW - SPECIFICATIONS

DATE | PROJECT | SPECIFIER | TYPE



DESCRIPTION

Innerscene's Virtual Sun system offers cutting-edge simulations of natural daylight and moonlit skies at any time. Harnessing patented technology, it offers lifelike views through an infinite-depth skylight or window, aligns with circadian rhythms, and boasts straightforward installation.

The advanced technology stimulates physiological and emotional responses akin to natural daylight without exterior access. Applicable in fields like education, entertainment, healthcare, and more.

Innerscene's system removes design limitations, offering a tailored virtual daylight experience that enhances well-being.

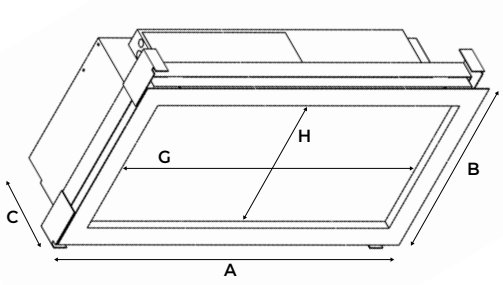
FIXURE RATINGS & CERTIFICATIONS

MODEL	MOUNTING KIT	TRIM FINISH	POWER SUPPLY	LIGHTING CONTROL	PROGRAMMING CODE
VS -					
VIRTUAL SUN	**ACI** - ACOUSTICAL TILE INDIVIDUAL **ACA** - ACOUSTICAL TILE ARRAY **DC** - DRYWALL CEILING **WV** - WALL VERTICAL **WH** - WALL HORIZONTAL **C1** - CUSTOM	**WH** - WHITE RAL9010 MATT* **C2** - CUSTOM**	**INT** - INTEGRAL **IR** - IC-RATED & REMOTE DRIVER	**CSB** - CASAMBI **010V** - 2-CHANNEL 0-10V **DT** - DALI-2 DT8 **DX** - 2-CHANNEL DMX **C3** - CUSTOM	**PXXXX** - GET PROGRAMMING CODE **P0000** - DIMMER ONLY **P0002** - DEFAULT PROGRAMMING

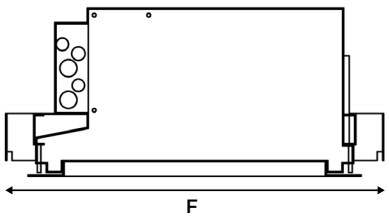
EXAMPLE: VS-ACA-WH-INT-CSB-P0000

*FIELD-PAINTABLE **ANTI-MICROBIAL AVAILABLE

DIMENSIONS



	LENGTH / TRIM DIMENSIONS	WIDTH / TRIM DIMENSIONS	DEPTH	DRYWALL CUT-OUT		JOIST SPACING FACE-FACE	WINDOW DIMENSIONS	
	A	B	C	D	E	F	G	H
DRYWALL	41"	21.7"	11"	38.3"	20.9"	21.5" to 24.5"	36.1"	16.8"
ACT TIGHT ARRAY	48"	24"	11"	N/A	N/A	N/A	36.1"	16.8"
ACT INDIVIDUAL FIXTURE	48.9"	24.9"	11"	N/A	N/A	N/A	36.1"	16.8"
ACT BEVELLED	47.75"	23.75"	15"	N/A	N/A	N/A	36.1"	16.8"



SPECIFICATIONS

CRI	90+
DELIVERED LUMENS	IC-NON-IC 4,455 LUMENS IC-RATED 3,796 LUMENS
PERCEPTIABLE FLICKER	NO PERCEPTIABLE FLICKER, MEETS WELL V2 FEATURE 8 REQUIREMENTS
CAMERA FLICKER	25KHZ PWM DIMING ENSURES NO FLICKER EVEN ON MOBILE PHONE CAMERAS
VERTICAL MOUNTING	STUD OR MASONRY WALLS

INSULATION CONTACT (IC)	NON-IC (STANDARD) IC (OPTION)
INTEGRAL DRIVER	YES, REMOTE OPTIONAL
ELECTRICAL	90-277V 50-60HZ PF >0.9
COLOR TEMPERATURE	TUNABLE 3,200K TO 40,000K
AMBIENT TEMP RANGE	32-104 °F (NON-IC), 32-77 °F (IC), (NON-CONDENSING)
WATTAGE	NON-IC 155W / IC 115W

INNERSCENE
548 Market St #40123
San Francisco, CA
94104-5401

info@innerscene.com
www.innerscene.com
P: +1 (888) 984-5242

North America · 02-12-2024 Virtual Sun
Specifications may change without notice.
For the latest details, visit Innerscene.com.

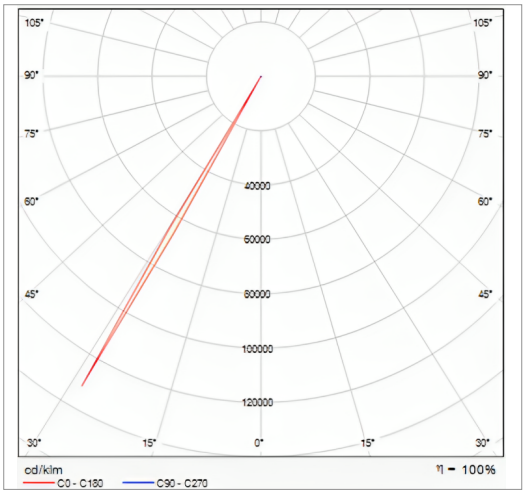
Create Sunshine, Anytime, Anywhere.
© 2023 INNERSCENE. All rights reserved.

DATE PROJECT SPECIFIER TYPE

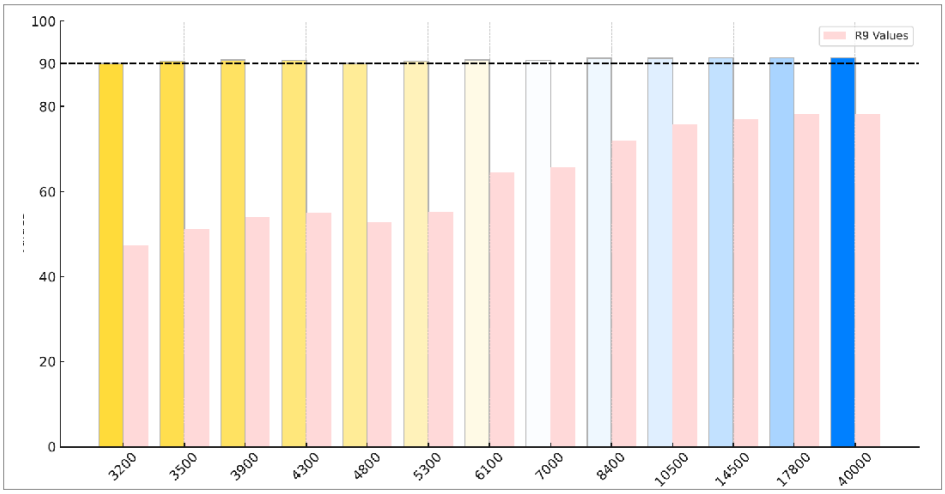
HORIZONTAL MOUNTING	ACOUSTICAL TILES (ACT) DRYWALL CEILING (CULUS LISTED)
ENVIRONMENTAL RATING (PROTECTION CLASS(IP)	IP20 STANDARD

WARRANTY	5 YEARS
DIMENSIONS	38.2'' X 20.7'' DEPTH 10.5''
WEIGHT	Product 77 lbs Boxed 163 lbs
STANDARDS	UL 1598, TÜV, UL LISTED

POLAR CURVES



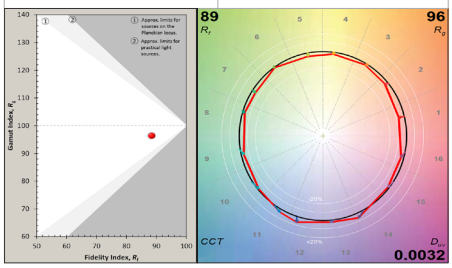
CRI (RA) AND R9 BY CCT



TM30 COLOR FIDELITY

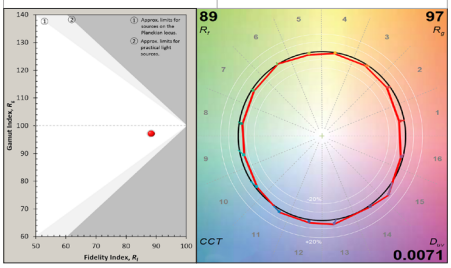
3,396K

PLOT | COLOR VECTOR GRAPHIC (CVG)



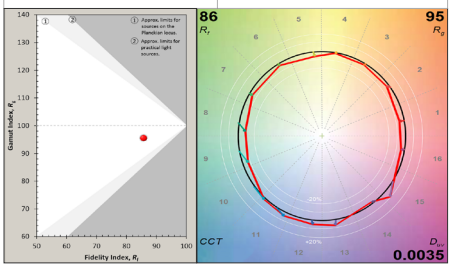
5,058K

PLOT | COLOR VECTOR GRAPHIC (CVG)



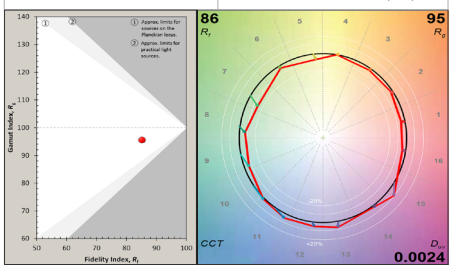
8,481K

PLOT | COLOR VECTOR GRAPHIC (CVG)



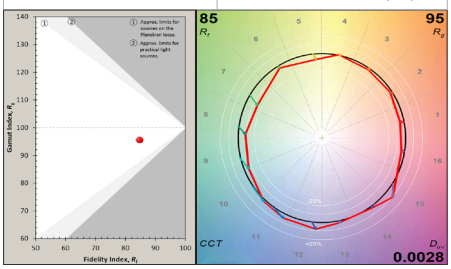
11,858K

PLOT | COLOR VECTOR GRAPHIC (CVG)



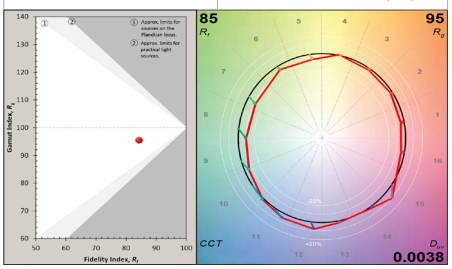
14,695K

PLOT | COLOR VECTOR GRAPHIC (CVG)



19,851K

PLOT | COLOR VECTOR GRAPHIC (CVG)



Create Sunshine, Anytime, Anywhere.
© 2023 INNERSCENE. All rights reserved.

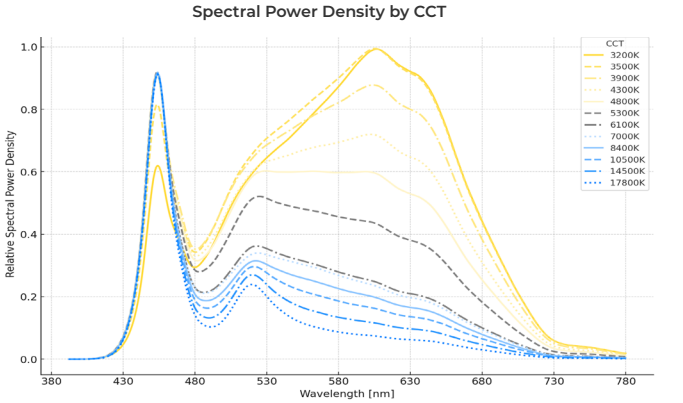
DATE PROJECT SPECIFIER TYPE

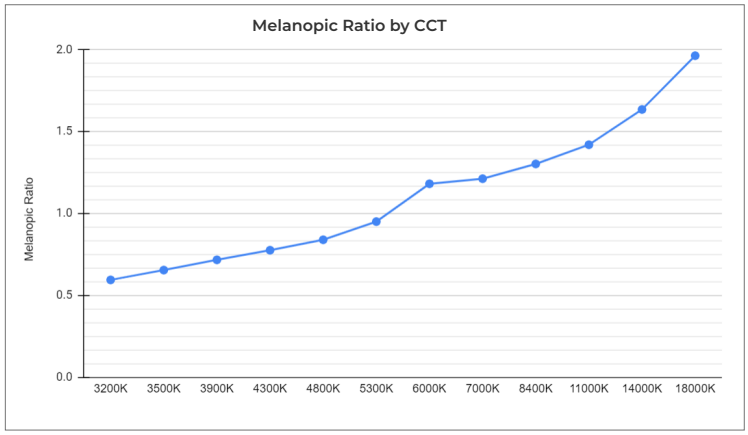
COLOR TEMPERATURE RANGE

Colors of white light are referred to as CCT in Kelvin, lower numbers are warmer tones, higher numbers are cooler or bluer tones. There is no upper limit of Kelvin. However, in Non-Innerscene products may have blue skies with low color rendition leading to color casts which can be unpleasant.

40,000K : Innerscene's deepest blue sky
20,000K : Blue Sky
6,500K : Pure White - highest color temperature for commercial lighting
3,500 - 4,000K : Commercial White
2,700 - 3,000K : Warm White - comparable to bright incandescent lamps
2,000K : Warmest hues of sunrise or sunset
1,800K : Dimmed incandescent lamps

SPECTRAL INFORMATION





PROGRAMMING CODE

Programming Codes are used to load predefined settings and schedules onto Primary fixtures prior to shipping and on site. (*)

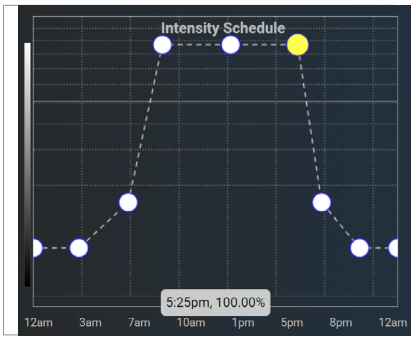
P0000 - Dimmer Only. When selected Primary fixtures will only respond to external dimmer controls (0-10V, DMX, DALI, Casambi).

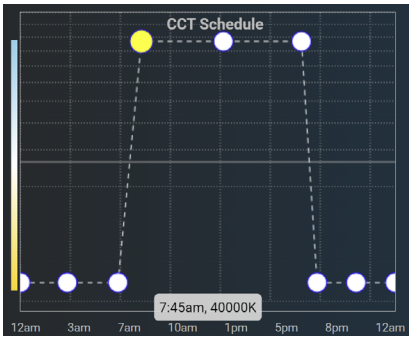
P0002 - Default programming. Learn more by visiting https://innerscene.com/programCode?code=P0002

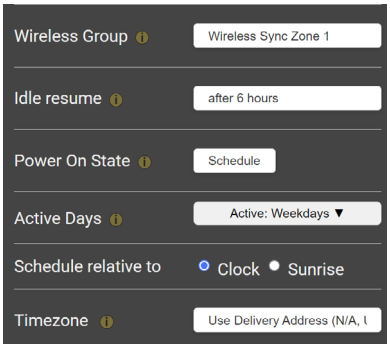
Find/create other programming schedules by visiting https://innerscene.com/programCode

* Secondary fixtures use Innerscene's wireless synchronization to mirror the primary unit when set to the same zone.

PROGRAMMING CODE EXAMPLE FOR P0002 :







Create Sunshine, Anytime, Anywhere.
© 2023 INNERSCENE. All rights reserved.